

BAYER ADVANCED LLC
1500 Urban Center Dr.
Birmingham, AL 35242

TRANSPORTATION EMERGENCY:
CALL CHEMTREC: (800) 424-9300
DISTRICT OF COLUMBIA: (202) 483-7616

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME: BAYER ADVANCED LAWN All-In-One Weed Killer for Lawns RTU
PRODUCT CODE: 44811
PRODUCT USE: Consumer Herbicide

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME

/CAS NUMBER	EXPOSURE LIMITS	CONCENTRATION (%)
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***** HAZARDOUS INGREDIENTS *****

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid		
2008-39-1	OSHA : Not Established ACGIH: Not Established	0.12%
Dimethylamine salt of (+)-(R)-2-(4-chloro-2-methylphenoxy)propanoic acid		
66423-09-4	OSHA : Not Established ACGIH: Not Established	0.06%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)		
2300-66-5	OSHA : Not Established ACGIH: Not Established	0.02%
Monosodium acid methanearsonate (MSMA)		
2163-80-6	OSHA : .50 mg/m3 (organic As) ACGIH: Not Established	0.36%

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW

CAUTION!

Color: Red-orange; **Form:** Liquid; **Odor:** Insignificant; Causes eye irritation.

POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY: Inhalation; Skin Contact; Eye Contact; Ingestion

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS OF EXPOSURE: Exposure during the labeled use of this product is expected to be minimal. Consumers should refer to the packaging label for proper handling procedures. Based on supplier information, sufficient exposure to this product can cause skin and respiratory irritation. Eye contact with this product may cause irritation and burning. Ingestion of this product may irritate gastrointestinal tract.

CHRONIC EFFECTS OF EXPOSURE: None known

CARCINOGENICITY: This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

4. FIRST AID MEASURES:

FIRST AID FOR EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

NON-TRANSPORTATION:

BAYER EMERGENCY PHONE: (877) 229-3763

BAYER INFORMATION PHONE: (877) 229-3724

FIRST AID MEASURES Continued:

FIRST AID FOR SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

FIRST AID FOR INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment information.

FIRST AID FOR INGESTION: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by physician or poison control center. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASH POINT: Greater than 212°F

EXTINGUISHING MEDIA: Foam; Dry Chemical; Water; Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing.

UNUSUAL FIRE / EXPLOSION HAZARDS: Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES: Isolate area and keep unauthorized people away. Do not walk through spilled material. Avoid breathing vapors and skin contact. Remove sources of ignition if combustible or flammable vapors may be present and ventilate area. Wear proper protective equipment. Dike contaminated area with absorbent granules, soil, sand, etc. If large spill, material should be recovered. Small spills can be absorbed with absorbent granules, spill control pads, or any absorbent material. Carefully sweep up absorbed spilled material. Place in covered container for reuse or disposal. Scrub contaminated area with soap and water. Use dry absorbent materials such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers, or other waterways or contact vegetation.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE(MIN/MAX): Not established

SHELF LIFE: Not established

SPECIAL SENSITIVITY: Not established

HANDLING/STORAGE PRECAUTIONS: Store in original container in a locked area, inaccessible to children and pets. Keep from freezing. Do not allow cross-contamination of pesticides, fertilizers, seeds, feed or food.

OTHER NOTES: Do not apply this product when it may drift from the target area.

8. PERSONAL PROTECTION:

EYE PROTECTION REQUIREMENTS: Safety glasses with side shields or goggles.

SKIN PROTECTION REQUIREMENTS: Long sleeves and trousers

HAND PROTECTION REQUIREMENTS: Chemical-resistant gloves such as latex or nitrile

VENTILATION REQUIREMENTS: Maintain exposures below applicable limits through the use of general and local exhaust ventilation.

RESPIRATOR REQUIREMENTS: If needed, based on the conditions of use, wear a NIOSH-approved organic vapor respirator with particulate pre-filter.

ADDITIONAL PROTECTIVE MEASURES: Clean water and soap should be available for washing in case of eye or skin contamination. Educate and train employees in safe use of the product. Follow all label instructions. Launder clothing separately after use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM: Liquid
COLOR: Red-orange
ODOR: Insignificant
pH: 7.5-8.5
BOILING POINT: 212°F
MELTING/FREEZING POINT: Freezing: <35°F
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.00-1.01
BULK DENSITY: Not applicable
VAPOR PRESSURE: <17 mm Hg @ 20°C
VAPOR DENSITY: Greater than 1 (Air = 1)

10. STABILITY AND REACTIVITY:

STABILITY: This is a stable material.
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITIES: None known
INSTABILITY CONDITIONS: None known
DECOMPOSITION PRODUCTS: None known

11. TOXICOLOGICAL INFORMATION:

Available on request

12. ECOLOGICAL INFORMATION:

This product is toxic to aquatic invertebrates. Drift or runoff may harm fish and plants.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: For Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burning stay out of smoke.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME: Weed Killer
FREIGHT CLASS PACKAGE: Herbicides NCI - NMFC 50320 Sub. 2
PRODUCT LABEL: Not Noted
DOT (DOMESTIC SURFACE)
HAZARD CLASS OR DIVISION: Non-Regulated

TRANSPORTATION INFORMATION Continued:

IMO / IMDG CODE (OCEAN)

HAZARD CLASS DIVISION NUMBER: Non-Regulated

ICAO / IATA (AIR)

HAZARD CLASS DIVISION NUMBER: Non-Regulated

15. REGULATORY INFORMATION:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: This product is exempt from TSCA Regulation under FIFRA Section 3 (2)(B)(II) when used as a pesticide.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard

SECTION 313 TOXIC CHEMICALS: Dimethylamine dicamba

RCRA STATUS: This product, as a waste, would be identified as a RCRA Hazardous Waste. The presence of 2,4-D, at the label concentrations, would result in this waste being identified as RCRA Characteristic (DO16), and U-240 for 2,4,D salts and esters.

16. OTHER INFORMATION:

NFPA 704M RATINGS:

Health 1	Flammability 0	Reactivity 0	Other
0=Insignificant	1=Slight	2=Moderate	3=High
			4=Extreme

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. NFPA ratings are provided by Bayer as a customer service.

REASON FOR ISSUE: Revise Sections 9 (physical and chemical properties); 13 (disposal consideration) and 14 (technical shipping name)

PREPARED BY: V. C. Standart

APPROVED BY: D. C. Eberhart

TITLE: Product Safety Manager

APPROVAL DATE: 09/12/2000

SUPERSEDES DATE: 07/06/2000

MSDS NUMBER: 39860

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